

## PATENT

## CLAIMS

Please amend the claims as follows:

1. (Canceled)
2. (Previously Presented) The method of claim 3, wherein said predefined event comprises the receipt of an acknowledgment message.
3. (Currently Amended) A method for transmitting time-sensitive information over a wireless voice-over-data communication system, used in conjunction with a predefined data protocol, comprising:
  - defining a minimum segment size for information to be transmitted;
  - defining a maximum segment size for information to be transmitted, said maximum segment size being greater than said minimum segment size;
  - generating a first segment from said time-sensitive information if a sufficient quantity of said time-sensitive information is available for transmission, said first segment having a segment size between said minimum segment size and said maximum segment size; and
  - generating a second segment having a segment size less than or equal to said maximum segment size upon the occurrence of a predefined event,wherein said maximum segment size is negotiated between a transmitter and a receiver.
4. (Currently Amended) An apparatus for transmitting time-sensitive information over a wireless voice-over-data communication system, used in conjunction with a predefined data protocol, comprising:
  - means for negotiating a maximum segment size with a receiver;
  - a memory for storing [[a]] the maximum ~~minimum~~ segment size;
  - a queue for storing data frames, said data frames representing time-sensitive information;and

## PATENT

a first processor for generating at least one segment from said data frames stored within said queue when a segment size ~~smaller~~ greater than or equal to said ~~maximum~~ ~~minimum~~ segment size can be generated from said data frames.

5. (Original) The apparatus of claim 4, further comprising a vocoder for generating data frames from said time-sensitive information.

## Claims 6-11 (Canceled)

12. (New) A method for transmitting time-sensitive information over a wireless voice-over-data communication system, used in conjunction with a predefined data protocol, comprising:

defining a minimum segment size for information to be transmitted;

defining a maximum segment size for information to be transmitted, said maximum segment size being greater than said minimum segment size;

generating a first segment from said time-sensitive information if a sufficient quantity of said time-sensitive information is available for transmission, said first segment having a segment size between said minimum segment size and said maximum segment size; and

generating a second segment having a segment size less than or equal to said maximum segment size upon the occurrence of a predefined event.

13. (New) A computer-readable medium embodying means for implementing a method for transmitting time-sensitive information over a wireless voice-over-data communication system, used in conjunction with a predefined data protocol, the method comprising:

defining a minimum segment size for information to be transmitted;

defining a maximum segment size for information to be transmitted, said maximum segment size being greater than said minimum segment size;

generating a first segment from said time-sensitive information if a sufficient quantity of said time-sensitive information is available for transmission, said first segment having a segment size between said minimum segment size and said maximum segment size; and

**PATENT**

generating a second segment having a segment size less than or equal to said maximum segment size upon the occurrence of a predefined event.

14. (New) An apparatus for transmitting time-sensitive information over a wireless voice-over-data communication system, used in conjunction with a predefined data protocol, comprising:

means for defining a minimum segment size for information to be transmitted;

means for defining a maximum segment size for information to be transmitted, said maximum segment size being greater than said minimum segment size;

means for generating a first segment from said time-sensitive information if a sufficient quantity of said time-sensitive information is available for transmission, said first segment having a segment size between said minimum segment size and said maximum segment size; and

means for generating a second segment having a segment size less than or equal to said maximum segment size upon the occurrence of a predefined event.